NIPPON E-MARINE A/C

NIPPON E-MARINE A/C is a two-pack, high volume solid epoxy universal primer aiming for less volatile organic compounds. As this epoxy coating offers excellent anti-abrasion property, resistance to water and seawater, and cathodic protection, it is suitable for all areas such as the underwater hulls, boottop, topsides, decks, holds, ballast tanks, etc. It can be overcoated with various kinds of finishes.

**Suitable Use**
Universal anticorrosive for all areas (underwater hulls, boottop, topsides, decks, holds, ballast tanks, etc.)

**Type**
Epoxy (Abrasion resistant / High build / Two-pack)

**Colour**
Red Oxide, Dark gray, Gray, Light gray

**Gloss**
Semi-Gloss

**Volume Solids**
74 ± 2% (ISO3233:1998)

**Typical Dry Film Thickness**
125 ~ 250 μm

**Approx. Wet Film Thickness**
169 ~ 338 μm

**Theoretical Coverage**
4.23 m²/ L (175 μm)

**Drying Time**
- **Surface Dry**
  - 3 hours (5°C)
  - 2 hours (20°C)
  - 1 hours (30°C)
- **Dry Hard**
  - 47 hours (5°C)
  - 16 hours (20°C)
  - 10 hours (30°C)
- **Full Cure**
  - 14 days (5°C)
  - 7 days (20°C)
  - 5 days (30°C)

**Interval before Overcoating**
- **Min.**
  - 47 hours (5°C)
  - 16 hours (20°C)
  - 10 hours (30°C)
- **Max.**
  - 30 days (5°C)
  - 30 days (20°C)
  - 14 days (30°C)

**Thinner**
NIPPON MARINE THINNER 600 (0 ~ 10%, by weight)

**Application Method**
- **Airless Spray**
  - Tip range: 0.48 ~ 0.59 mm
  - Fan range: 55 ~ 62°
  - (For T/U): 30°
  - Output pressure: 150 ~ 200 kg / cm²
- **Brush**
  - For touching up small areas only

**Mixing Ratio by Volume**
BASE 4 / HARDENER 1

**Pot Life after Mixing**
6 hours (5°C) 4 hours (20°C) 3 hours (30°C)

**Typical Package**
20L (BASE 16L, HARDENER 4L)

**Japan Local Brand**
NIPPON E-MARINE A/C

**Flash Point**
BASE 24°C, HARDENER 6°C

**Surface Preparation**
Blast cleaned to ISO-Sa 2.5 or power tool cleaned to ISO-St 3. is recommended.

**Safety**
Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)

Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapour concentrations within safe limits.

Prior to use, obtain, consult and follow the MSDS for this product concerning health and safety information.
< Note >

1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

2) At temperatures below 5°C, it will take longer to dry and harden.

3) If dusting may occur during application at high temperatures, use NIPPON MARINE THINNER 650.

4) Store the paints in paint store.